

15¢

\$5.50 A YEAR

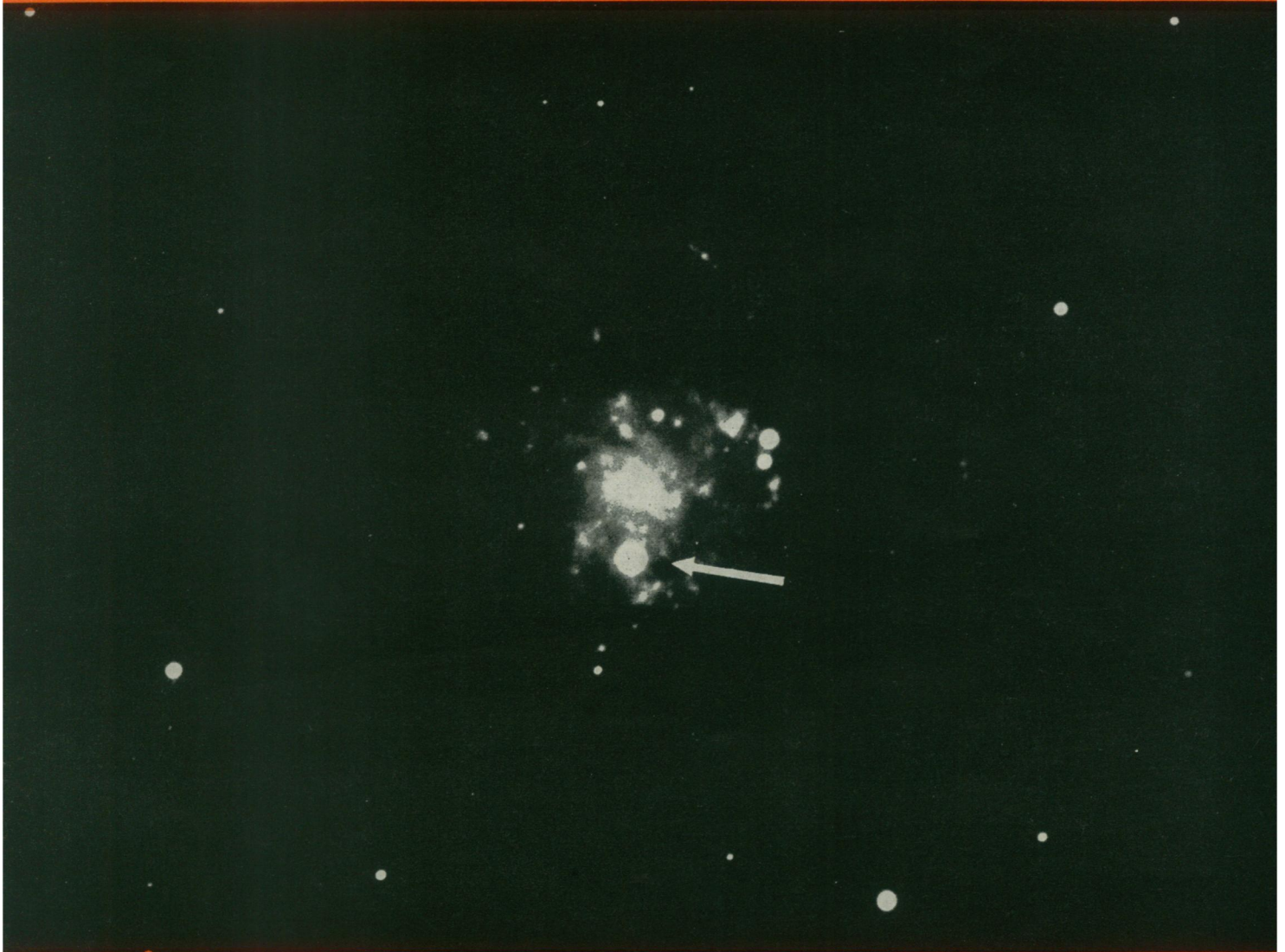
June 12, 1954

VOL. 65, NO. 24 PAGES 369-334

SCIENCE NEWS LETTER

®

THE WEEKLY SUMMARY OF CURRENT SCIENCE



Blazing Supernova

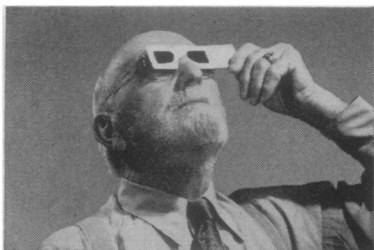
See Page 375

A SCIENCE SERVICE PUBLICATION

Kodak reports to laboratories on:

getting ready for an astronomical event . . . an instrument that makes microprint reading a pleasure . . . supplying organics of "practical" purity . . . our latest proposition on cameras

Eclipse



A gentleman has suggested we capitalize on the total solar eclipse of June 30, 1954 by giving away viewers which he can sell us at one cent apiece in quantities of 350,000. We are turning him down.

Instead, we are celebrating the eclipse in our own way by offering (also free of charge) a set of notes embodying our technical recommendations on solar eclipse photography. It tells in what combinations of film, shutter and diaphragm settings, and Kodak Wratten Neutral Density Filters we think your best chances lie of recording the phases, the flash spectrum, the inner corona, the landscape during totality, and (if one is very lucky) the shadow bands.

For those who will be fired with persistent photographic ambitions on that great Wednesday morning, we are ready with a textbook on astronomical photography as the professionals know it. *Photography in Astronomy* is authoritative, explicit, practical, and light enough for a baby to hold in one hand.

Wire Eastman Kodak Company, Industrial Photographic Division, Rochester 4, N. Y., for the notes if the date seems too close for the mails. The book can be ordered from your Kodak dealer whenever the fancy strikes.

Microprint reader

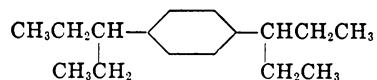
Now on sale is the *Kodagraph Microprint Reader*, a sleek and unobtrusive instrument intended to create enthusiasm for the microprint idea among those who have had doubts about the comfort of reading microprint day in and day out. This one takes any size of microprint card from 8½" x 14" down and thus in-

volves no commitment to any one size. Anyone interested enough to drop a post card to Eastman Kodak Company, Industrial Photographic Division, Rochester 4, N. Y., will be directed to the nearest dealer who can demonstrate why this reader is worth \$300.

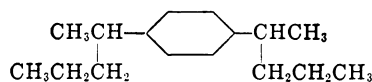
Motley amylbenzenes

Most Eastman Organic Chemicals are what we call Eastman Grade. By that we mean chemicals of sufficient purity for reagent use and for the more exacting syntheses. We also list many items of Practical Grade, and beneath that level there are the items of Technical Grade. We wish to make the point here that the latter can sometimes make the most sense.

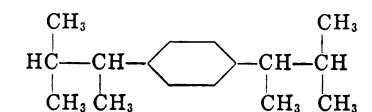
A typical Technical Grade Eastman Organic Chemical is *Di-sec-amylbenzene* (T5528), return of which to the roster is hereby announced after several years' absence. For \$5.10 you get a 3 kg miscellany of



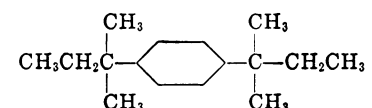
and its ortho isomer and



and its ortho isomer and



and its ortho isomer and (despite the name)



and its ortho isomer and all possible crossbreeds. Hardly convenient for basic research on energy levels in the hydrocarbon structure but definitely more reasonable to investigate than the sharp-boiling individual chemical entities if you happen

to be looking for a slow-hardening surface finish, perhaps.

Eastman, Practical, and Technical—there are more than 3500 Eastman Organic Chemicals awaiting the discretion of the judicious. Catalog on request from Distillation Products Industries, Eastman Organic Chemicals Department, Rochester 3, N. Y. (Division of Eastman Kodak Company).

Bantam RF



Are you in the market for a camera? Here is our latest proposition: \$59.75 for the little American beauty pictured above, including the newly lowered Federal Excise Tax. The name is *Kodak Bantam RF Camera*. The combination of virtues is unique.

1. It takes Kodak 828-size film. That means you get 30% more picture area than with the standard 35mm "miniature" camera. An investment of but \$1.85 in a roll of Kodachrome Film buys eight 28 x 40mm transparencies (instead of an oft-wasted 20 or 36 exposures) and pays for processing, mounting, and mailing back to any place under the U. S. flag.

2. It has a superimposed-image-type rangefinder coupled to the lens.

3. The 50mm *Kodak Ektanon Lens* opens to *f*/3.9 and moves as a unit in focusing from 2½ feet to infinity. (Focusing by changing the air spaces in a lens makes lens designers very irritable.)

4. The shutter (flash synchronized, of course) can freeze as little as 1/300 second for you. You can't cock it without advancing the film, unless you *want* multiple exposure. (When you want it, you push a button.)

See your Kodak dealer.

Prices include Federal Tax where applicable and are subject to change without notice.

Kodak
TRADE-MARK

This is one of a series of reports on the many products and services with which the Eastman Kodak Company and its divisions are . . . serving laboratories everywhere